

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L5</u>	(process or method) near (polymeriz\$ or copolymeriz\$) near (styrene and butadiene)	6	<u>L5</u>
<u>L4</u>	l1 near l2	50660	<u>L4</u>
<u>L3</u>	styrene and butadiene	108296	<u>L3</u>
<u>L2</u>	polymeriz\$ or copolymeriz\$	362428	<u>L2</u>
<u>L1</u>	process or method	7900951	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 20030008973 A1

L5: Entry 1 of 6

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030008973  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030008973 A1

TITLE: Method for the preparation of core-shell morphologies from  
polybutadiene-polystyrene graft copolymers

PUBLICATION-DATE: January 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sosa, Jose M.	Deer Park	TX	US	
Kelly, Lu Ann	Friendswood	TX	US	

US-CL-CURRENT: 525/70

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 2. Document ID: US 6489378 B1

L5: Entry 2 of 6

File: USPT

Dec 3, 2002

US-PAT-NO: 6489378  
DOCUMENT-IDENTIFIER: US 6489378 B1

TITLE: Method for the preparation of core-shell morphologies from  
polybutadiene-polystyrene graft copolymers

DATE-ISSUED: December 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sosa, Jose M.	Deer Park	TX		
Kelly, Lu Ann	Friendswood	TX		

US-CL-CURRENT: 523/201; 525/232, 525/241, 525/242, 525/244

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 3. Document ID: US 6437043 B1

L5: Entry 3 of 6

File: USPT

Aug 20, 2002

US-PAT-NO: 6437043

DOCUMENT-IDENTIFIER: US 6437043 B1

TITLE: Process and apparatus for continuous manufacture of elastomer-modified monovinylaromatic compounds

DATE-ISSUED: August 20, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sosa; Jose M.	Deer Park	TX		
Ellis; Billy J.	Spring	TX		

US-CL-CURRENT: 525/53; 525/263, 525/271, 525/316, 526/65, 526/82, 526/84

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 6407153 B1

L5: Entry 4 of 6

File: USPT

Jun 18, 2002

US-PAT-NO: 6407153

DOCUMENT-IDENTIFIER: US 6407153 B1

TITLE: Silica-containing rubber compositions

DATE-ISSUED: June 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
von Hellens; Carl Walter	Bright's Grove			CA

US-CL-CURRENT: 524/188; 524/575

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 6248807 B1

L5: Entry 5 of 6

File: USPT

Jun 19, 2001

US-PAT-NO: 6248807

DOCUMENT-IDENTIFIER: US 6248807 B1

TITLE: Method for the preparation of core-shell morphologies from polybutadiene-polystyrene graft copolymers

DATE-ISSUED: June 19, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sosa; Jose M.	Deer Park	TX		
Kelly; Lu Ann	Friendswood	TX		

US-CL-CURRENT: 523/201; 525/232, 525/241, 525/242, 525/902

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 6. Document ID: US 5134199 A

L5: Entry 6 of 6

File: USPT

Jul 28, 1992

US-PAT-NO: 5134199

DOCUMENT-IDENTIFIER: US 5134199 A

TITLE: Diene block polymer and polymer composition

DATE-ISSUED: July 28, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hattori; Yasuo	Yokohama			JP
Kitagawa; Yuichi	Yokohama			JP
Saito; Akira	Fujisawa			JP

US-CL-CURRENT: 525/314; 525/250, 525/269, 525/71, 525/98, 525/99

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

Generate Collection

Print

Term	Documents
PROCESS	3666392
PROCESSES	1016310
METHOD	5880914
METHODS	1316467
STYRENE	259706
STYRENES	12946
BUTADIENE	144997
BUTADIENES	2576
POLYMERIZ\$	0
POLYMERIZ	90
POLYMERIZA	463
((PROCESS OR METHOD) NEAR (POLYMERIZ\$ OR COPOLYMERIZ\$) NEAR (STYRENE AND BUTADIENE)). USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	6

There are more results than shown above. [Click here to view the entire set.](#)

**Display Format:**

**Change Format**

[Previous Page](#)

[Next Page](#)

L1 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD  
 ACCESSION NUMBER: 1989-229056 [32] WPIDS  
 DOC. NO. CPI: C1989-101620  
 TITLE: Low emission dispersion colour, print and plastics  
 dispersion plaster - contg. olefinic copolymer with units  
 derived from unsatd. hydrolysable silane.  
 DERWENT CLASS: A82 G02  
 INVENTOR(S): BRAUN, H; LONITZ, M; NOELKEN, E; NOLKEN, E  
 PATENT ASSIGNEE(S): (FARH) HOECHST AG  
 COUNTRY COUNT: 22  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
EP 327006	A	19890809	(198932)*	GE	17	
R: AT BE CH DE ES FR GB IT LI LU NL SE						
DE 3803450	A	19890817	(198934)			
AU 8929590	A	19890810	(198940)			
NO 8900448	A	19890828	(198940)			
DK 8900512	A	19890806	(198942)			
FI 8900502	A	19890806	(198945)			
PT 89638	A	19891004	(198945)			
ZA 8900809	A	19891025	(198948)			
JP 02004876	A	19900109	(199007)			
EP 327006	B1	19930120	(199303)	GE	23	C09D005-02
R: AT BE CH DE ES FR GB IT LI LU NL SE						
DE 58903304	G	19930304	(199310)			C09D005-02
ES 2045208	T3	19940116	(199407)			C09D005-02
CA 1332485	C	19941011	(199441)			C09D005-02
IE 63844	B	19950614	(199531)			C09D005-02
US 5576384	A	19961119	(199701)	10		C08L083-04
FI 99139	B	19970630	(199731)			C09D143-04
US 5708077	A	19980113	(199809)	10		C08L083-04
JP 2805021	B2	19980930	(199844)	12		C09D131-02
DK 172552	B	19990111	(199908)			C09D005-02
NO 305914	B1	19990816	(199939)			C09D143-04

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 327006	A	EP 1989-101595	19890131
DE 3803450	A	DE 1988-3803450	19880205
ZA 8900809	A	ZA 1989-809	19890202
JP 02004876	A	JP 1989-24133	19890203
EP 327006	B1	EP 1989-101595	19890131
DE 58903304	G	DE 1989-503304	19890131
		EP 1989-101595	19890131
ES 2045208	T3	EP 1989-101595	19890131
CA 1332485	C	CA 1989-590015	19890203
IE 63844	B	IE 1989-354	19890203
US 5576384	A	US 1989-306881	19890203
	Cont of	US 1990-633276	19901224
	Cont of	US 1992-855734	19920319
	Cont of	US 1995-447389	19950523
FI 99139	B	FI 1989-502	19890202
US 5708077	A	US 1989-306881	19890203
	Cont of	US 1990-633276	19901224
	Cont of	US 1992-855734	19920319
	Div ex	US 1995-447389	19950523

JP 2805021	B2	US 1996-746741	19961115
DK 172552	B	JP 1989-24133	19890203
NO 305914	B1	DK 1989-512	19890203
		NO 1989-448	19890203

FILING DETAILS:

PATENT NO	KIND		PATENT NO
DE 58903304	G	Based on	EP 327006
ES 2045208	T3	Based on	EP 327006
FI 99139	B	Previous Publ.	FI 8900502
US 5708077	A	Div ex	US 5576384
JP 2805021	B2	Previous Publ.	JP 02004876
DK 172552	B	Previous Publ.	DK 8900512
NO 305914	B1	Previous Publ.	NO 8900448

PRIORITY APPLN. INFO: DE 1988-3803450 19880205  
 REFERENCE PATENTS: A3...9127; DE 2148457; No-SR.Pub; US 3814716  
 INT. PATENT CLASSIF.:

MAIN: C08L083-04; C09D005-02; C09D131-02; C09D143-04  
 SECONDARY: B01F017-00; C04B024-42; C08F230-08; C08F246-00;  
 C08J003-06; C08K005-54; C08L027-06; C08L031-02;  
 C08L033-08; C08L043-04; C08L057-06; C09D003-72;  
 C09D007-12; C09D123-00; C09D129-04; C09D133-08;  
 C09D183-04; C09D183-07

BASIC ABSTRACT:

EP 327006 A UPAB: 19930923  
 Low-emission dispersion colours, paints and plastics dispersion plasters are in the form of aq. formulations based on aq. synthetic dispersion polymers (I) of olefinically unsatd. monomers with a pigment vol. concn. (PVC) of min. 60%. They contain water, filler, pigment, (I) and additives selected from wetting agents, dispersants, emulsifier, protective colloids, thickeners, antifoams, dyestuffs and preservatives. The non-volatiles comprise 35-94 (wt.)% filler, 2-30% pigment, 0.1-10% ancillary and 4-35% (I). An aq. (I) dispersion has a min.

FILE SEGMENT: CPI  
 FIELD AVAILABILITY: AB  
 MANUAL CODES: CPI: A06-A00B; A07-B; A08-E01; A08-R01; A12-B01; A12-B08;  
 G02-A01; G02-A02; G02-A05F

L3 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD  
 ACCESSION NUMBER: 1998-121682 [12] WPIDS  
 DOC. NO. CPI: C1998-040090  
 TITLE: Aqueous polymer dispersions used for coating paper, textiles and carpets - obtained by adding zinc salt ricinus oil as deodorising agent.  
 DERWENT CLASS: A18 A82 D22 E12 F08 G02  
 INVENTOR(S): LAWRENZ, D; LEUBE, H; MORRISON, B R; SCHMIDT-THUEMMES, J  
 PATENT ASSIGNEE(S): (BADI) BASF AG  
 COUNTRY COUNT: 1  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
DE 19728997	A1	19980212	(199812)*		8	C08K005-098	

*D3 (ie. D #4)*

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 19728997	A1	DE 1997-19728997	19970707

PRIORITY APPLN. INFO: DE 1996-19627492 19960708  
 INT. PATENT CLASSIF.:

MAIN: C08K005-098  
 SECONDARY: C08J003-03

BASIC ABSTRACT:

DE 19728997 A UPAB: 19980323  
 Aq. polymer dispersions are obtained by adding the Zn salt of ricinus acid and/or the Zn salt of abietic acid and/or analogous resin acids and/or a Zn salt of other (un)satd. hydroxylated 16C+ fatty acids, as deodorising agent. Also claimed is a process for deodorising aq. polymer dispersions.  
 USE - Used as coating for paper, textiles and carpets, and also as corrosion protection.

Dwg.0/0

FILE SEGMENT: CPI  
 FIELD AVAILABILITY: AB; DCN  
 MANUAL CODES: CPI: A07-B; A08-M04; A12-B01; D09-A01; E05-L03C; F03-E01; F04-D04; F05-A06B; G02-A05; G02-A05C



L4 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD

ACCESSION NUMBER: 1998-170089 [16] WPIDS

DOC. NO. CPI: C1998-054544

TITLE: Reducing odour from aqueous polymer dispersions - comprises treating dispersion with active carbon based on polymer content.

DERWENT CLASS: A18 A82 D22 F04

INVENTOR(S): HUMMERICH, R; MORRISON, B; MUELLER, U; OFFNER, R; SCHMIDT-THUEMMES, J; MORRISON, B R; OFFNER, R F E

PATENT ASSIGNEE(S): (BADI) BASF AG

COUNTRY COUNT: 23

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
DE 19638086	A1	19980312	(199816)*		8	C08J003-03	
WO 9811156	A1	19980319	(199818)	GE	22	C08K003-04	
RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE							
W: BR CA CN JP KR US							

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 19638086	A1	DE 1996-19638086	19960911
WO 9811156	A1	WO 1997-EP4957	19970910

PRIORITY APPLN. INFO: DE 1996-19638086 19960911

INT. PATENT CLASSIF.:

MAIN: C08J003-03; C08K003-04

SECONDARY: C08F006-00; D04H001-00; D04H001-64

BASIC ABSTRACT:

DE 19638086 A UPAB: 19980421

The use of active carbon (I) for reducing the odour emitted from aqueous polymer dispersions (II) and from products obtained from (II) is new.

Also claimed is (i) a process for reducing the emission of odour from (II) by the addition of (I); (ii) aqueous polymer dispersions (II) containing 0.1-20 wt.% (I) based on polymer content; and (iii) fibre composite materials containing dispersion (II) as binder, especially thermoformable, needle-punched non-woven fabrics.

Preferably (I) has a micropore vol. of 0.2-0.5ml/g, an average particle size of less than 200  $\mu$  and a specific surface (Langmuir method) of 500-2000 m<sup>2</sup>/g. Dispersion (II) contains a polymer with units derived from 4-8C diene(s), vinylaromatic compound(s) and/or ester(s) or diester(s) of  $\alpha$ ,  $\beta$ -unsaturated 3-6C carboxylic acids with 1-10C alkanols, 5-10C cycloalkanols, 6-20C aryl-alcohols or 7-21C hydroxyalkyl-aromatics.

USE - Polymer dispersions (II) are used as binders for fibre composite materials, especially thermoformable, needle-punched non-wovens (claimed).

ADVANTAGE - Enables the deodorisation of polymer dispersions by binding odour sources (residual monomers, unpolymerisable impurities, volatile reaction products or degradation products) without adversely affecting the stability of the dispersion. Prior-art methods do not remove all impurities (e.g. further polymerisation) or may affect stability (e.g. steam distillation, inert gas stripping).

Dwg.0/0

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB

MANUAL CODES: CPI: A07-B; A12-S05G; D09-B; F02-C01; F02-C02D

L5 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD  
 ACCESSION NUMBER: 1998-458193 [40] WPIDS  
 DOC. NO. CPI: C1998-138563  
 TITLE: Reducing residual monomer content in aqueous emulsion  
 polymerised dispersions - by adding unsaturated  
 carboxylic acid before or during polymerisation to give  
 (eg butadiene - acrylonitrile ) dispersions suitable for  
 impregnating fleeces etc.  
 DERWENT CLASS: A12 A87 D18 F06  
 INVENTOR(S): CLAASEN, P; HUMMERICH, R; SCHUMACHER, G  
 PATENT ASSIGNEE(S): (BADI) BASF AG  
 COUNTRY COUNT: 1  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEKS	LA	PG	MAIN	IPC
DE 19807561	A1	19980827	(199840)*		7	C08F236-04	

*D2 (ie. 2#4)*

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 19807561	A1	DE 1998-19807561	19980223

PRIORITY APPLN. INFO: DE 1997-19707194 19970224

INT. PATENT CLASSIF.:

MAIN: C08F236-04  
 SECONDARY: C08F220-42; C08F220-54; C08F222-38; D06M015-227;  
 D06M015-248; D06M015-285; D06M015-31

BASIC ABSTRACT:

DE 19807561 A UPAB: 19981008  
 Use is claimed of alpha , beta -ethylenically unsaturated carboxylic acids  
 in reducing the residual monomer content in aqueous radical emulsion  
 polymerisation of mixtures comprising (A) 4-8C diene(s); (B) nitrile(s) of  
 alpha , beta -ethylenically unsaturated carboxylic acids; (C) amide(s).  
 and/or N-methylolamide(s) of alpha , beta -ethylenically unsaturated 3-6C  
 mono- or 4-6C di-carboxylic acids; and optionally also (D) comonomers.  
 comprising vinyl aromatics, esters of alpha , beta -ethylenically 3-6C  
 mono- or 4-6C di-carboxylic acids with 1-12C alkanols and/or esters of  
 vinyl alcohol with 1-20C monocarboxylic acids. The unsaturated acid is  
 added in an amount of 0.05-2.5 (especially 0.2-1)wt.% based on monomers  
 (A) - (D) before or during the polymerisation or before an optional  
 post-polymerisation. Aqueous polymer dispersions thus obtained are  
 claimed, as is also their use in impregnating textiles, leather or  
 (especially) fleeces.

ADVANTAGE - The residual monomer contents well below 3,000 (eg  
 50-100) ppm are achieved, especially in polymerisations using persulphate  
 initiators with anionic or nonionic emulsifiers and optionally with a seed  
 latex.

Dwg.-0/0

FILE SEGMENT: CPI  
 FIELD AVAILABILITY: AB  
 MANUAL CODES: CPI: A04-B01E; A04-D03; A04-D04A1; A10-G01A; A12-B02A;  
 A12-G04; D07-B; F03-D01; F04-B01

L1 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD  
 ACCESSION NUMBER: 1999-255060 [21] WPIDS  
 DOC. NO. CPI: C1999-074677  
 TITLE: Protective colloid stabilized aqueous polymer dispersion  
 or redispersible powder:  
 DERWENT CLASS: A18 A60 A93 L02  
 INVENTOR(S): BASTELBERGER, T; HAERZSCHEL, R; MAYER, T; WEITZEL, H  
 PATENT ASSIGNEE(S): (WACK) WACKER CHEM GMBH  
 COUNTRY COUNT: 26  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
WO 9916794	A1	19990408	(199921)*	GE	23	C08F002-20	
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE							
W: BR CZ HU JP KR PL US							
EP 1023331	A1	20000802	(200038)	GE		C08F002-20	
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE							
CZ 2000001078	A3	20000712	(200040)			C08F002-22	
BR 9812386	A	20000912	(200051)			C08F002-20	
HU 2000004256	A2	20010328	(200124)			C08F002-20	

# APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9916794	A1	WO 1998-EP6102	19980924
EP 1023331	A1	EP 1998-947549	19980924
		WO 1998-EP6102	19980924
CZ 2000001078	A3	WO 1998-EP6102	19980924
		CZ 2000-1078	19980924
BR 9812386	A	BR 1998-12386	19980924
		WO 1998-EP6102	19980924
HU 2000004256	A2	WO 1998-EP6102	19980924
		HU 2000-4256	19980924

# FILING DETAILS:

PATENT NO	KIND	PATENT NO
EP 1023331	A1 Based on	WO 9916794
CZ 2000001078	A3 Based on	WO 9916794
BR 9812386	A Based on	WO 9916794
HU 2000004256	A2 Based on	WO 9916794

PRIORITY APPLN. INFO: DE 1997-19742679 19970926

INT. PATENT CLASSIF.:

MAIN: C08F002-20; C08F002-22

SECONDARY: C08F006-24; C08F008-12; C08F018-08

# BASIC ABSTRACT:

WO 9916794-A-UPAB: 19990603

NOVELTY - Production of a protective colloid stabilized polymer aqueous polymer dispersion or a redispersible powder by emulsion polymerization of ethylenically unsaturated monomer in the presence of a protective colloid. The resulting polymer dispersion is optionally dried.

USE - The aqueous polymer dispersion or redispersible powder is useful as an additive for cement and mortar.

ADVANTAGE - The dispersion or powder is stable and readily redispersible and improves the adhesion, flexural strength and crack resistance of cements and mortars.

Dwg.0/0

TECHNOLGY FOCUS:

WO 9916794 A1 UPTX: 19990603

TECHNOLOGY FOCUS - POLYMERS - Production of a protective colloid stabilized polymer in the form of an aqueous polymer dispersion or a redispersible powder is claimed by emulsion polymerization of ethylenically unsaturated monomer(s) in the presence of a protective colloid. The resulting polymer dispersion is optionally dried. The monomers comprise vinyl aromatics; 1,3-dienes; acrylic acid esters and methacrylic acid esters with 1-15C alcohols. The protective colloid combination comprises a hydrophobic modified, partially saponified polyvinyl ester having a surface tension of at most 40 mN/m (2% aqueous solution) and a protective colloid having a surface tension greater than 40 mN/m (2% aqueous solution).

Preferred Process: The polyvinyl ester has a degree of hydrolysis of 70-95 (80-95) mole %, a viscosity of 1-30 mPas (Hoeppler) and is prepared by copolymerization of vinyl acetate with hydrophobic comonomers consisting of isopropenyl acetate, long chained vinyl esters, vinyl esters of saturated alpha-branched 5- or 9-11 monocarboxylic acids, dialkyl maleinate, dialkyl fumarate, vinyl chloride or vinyl alkyl ethers of alcohols having at least 4C atoms or 2-4C olefins or is prepared by polymerization of vinyl acetate in the presence of regulators consisting of alkyl mercaptans having 2-18C alkyl or by acetalization of vinyl alcohol units in partially saponified polyvinyl acetate with 1-4C aldehydes. The polyvinyl acetate consists of a partially saponified polyvinyl ester with 84-92 mol.% vinyl alcohol units and 0.1-10 wt.% vinyl ester units of vinyl esters of an alpha-branched 5- or 9-11 C carboxylic acid, isopropenyl acetate or ether units. The protective colloid having a surface tension greater than 40 mN/m (2% aqueous solution) comprises partially saponified polyvinyl acetate polyvinyl pyrrolidone, carboxymethyl-, methyl hydroxyethyl-, hydroxypropyl-cellulose, poly(meth)acrylic acid, poly(meth)acrylamide, polyvinyl sulfonic acid, melamine formaldehyde sulfonate, naphthalene formaldehyde sulfonate, styrene-maleic acid and vinyl ether maleic acid copolymers or dextrin. The ethylenically unsaturated monomer mixture comprises 20-80 wt.% vinyl aromatics and 20-80 wt.% 1,3-dienes or 20-80 wt.% vinyl aromatics and 20-80 wt.% acrylic acid ester or is a mixture of 20-80 wt.% methacrylic acid ester and 20-80 wt.% acrylic acid ester. The mixture contains 0.05-10 wt.% of other monomer additives consisting of ethylenically unsaturated mono-and dicarboxylic acids, ethylenically unsaturated carboxylic acid amides and nitriles, mono and diesters of fumaric acid and maleic acid, ethylenically unsaturated sulfonic acids and/or their salts, pre-crosslinked, multi-ethylenically unsaturated comonomers, post crosslinked-comonomers, epoxy or silicon functionalized comonomers, or comonomers containing hydroxy or CO groups. The polymer dispersion is dried by spray drying, optionally after the addition of further protective colloids.

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB

MANUAL CODES: CPI: A08-S06; A10-B03; A10-E09; L02-C08; L02-D01

=>



Creation date: 12-05-2003  
Indexing Officer: TLO - TRUC P LO  
Team: OIPEBackFileIndexing  
Dossier: 09856190

Legal Date: 07-25-2003

No.	Doccode	Number of pages
1	SRNT	2

Total number of pages: 2

Remarks:

Order of re-scan issued on .....